

Title (en)

SURFACTANT MODIFIED OILS FOR DUST CONTROL OF LOOSE-FILL INSULATION

Title (de)

TENSID-MODIFIZIERTE ÖLE ZUR STAUBVERMEIDUNG BEI PULVERFÖRMIGEN ISOLIERSTOFFEN

Title (fr)

HUILES MODIFIEES PAR DES TENSIOACTIFS UTILISEES POUR CAPTURER LA POUSSIERE D'UN ISOLANT EN VRAC

Publication

EP 1516032 A4 20070627 (EN)

Application

EP 03721959 A 20030430

Priority

- US 0313458 W 20030430
- US 13600802 A 20020501

Abstract (en)

[origin: US2003205695A1] The present invention serves to substantially improve the dust capture property of dedusting oils, by modifying these oils with nonionic and/or cationic surfactants. The application of surfactant modified oils reduces dust that is generated when loose-fill insulation is installed.

IPC 1-7

C09K 3/22; **B32B 19/00**; **D02G 3/00**

IPC 8 full level

B05D 1/02 (2006.01); **B32B 19/00** (2006.01); **C09K 3/22** (2006.01); **C09K 23/00** (2022.01); **D02G 3/00** (2006.01)

CPC (source: EP US)

C09K 23/00 (2022.01 - EP US); **C09K 23/017** (2022.01 - EP US)

Citation (search report)

- [XY] EP 0023638 A1 19810211 - BASF AG [DE]
- [X] WO 9426404 A1 19941124 - COLAS DANMARK AS [DK], et al
- [Y] GB 1036956 A 19660720 - SHELL INT RESEARCH
- [X] US 5439608 A 19950808 - KONDRATS NICHOLAS [US]
- [A] WO 9800472 A1 19980108 - POLO CITRUS CORP [US]
- See references of WO 03093390A1

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DOCDB simple family (publication)

US 2003205695 A1 20031106; **US 6964744 B2 20051115**; AU 2003225240 A1 20031117; CA 2483849 A1 20031113; CA 2483849 C 20131008; DK 1516032 T3 20130304; EP 1516032 A1 20050323; EP 1516032 A4 20070627; EP 1516032 B1 20121121; US 2005112287 A1 20050526; WO 03093390 A1 20031113

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